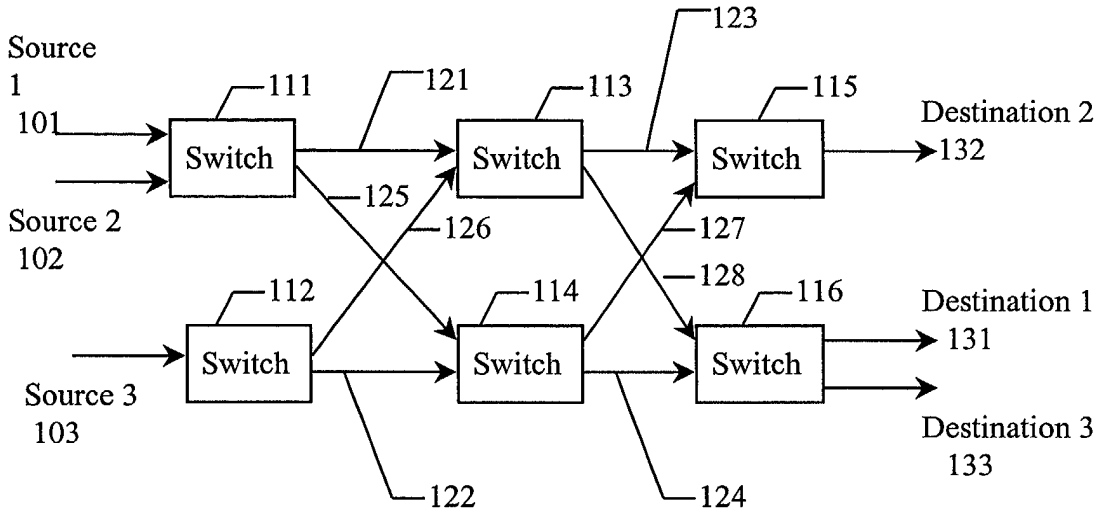
20STTO-20E5097



PRIOR ART

Figure 1

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1 of 6

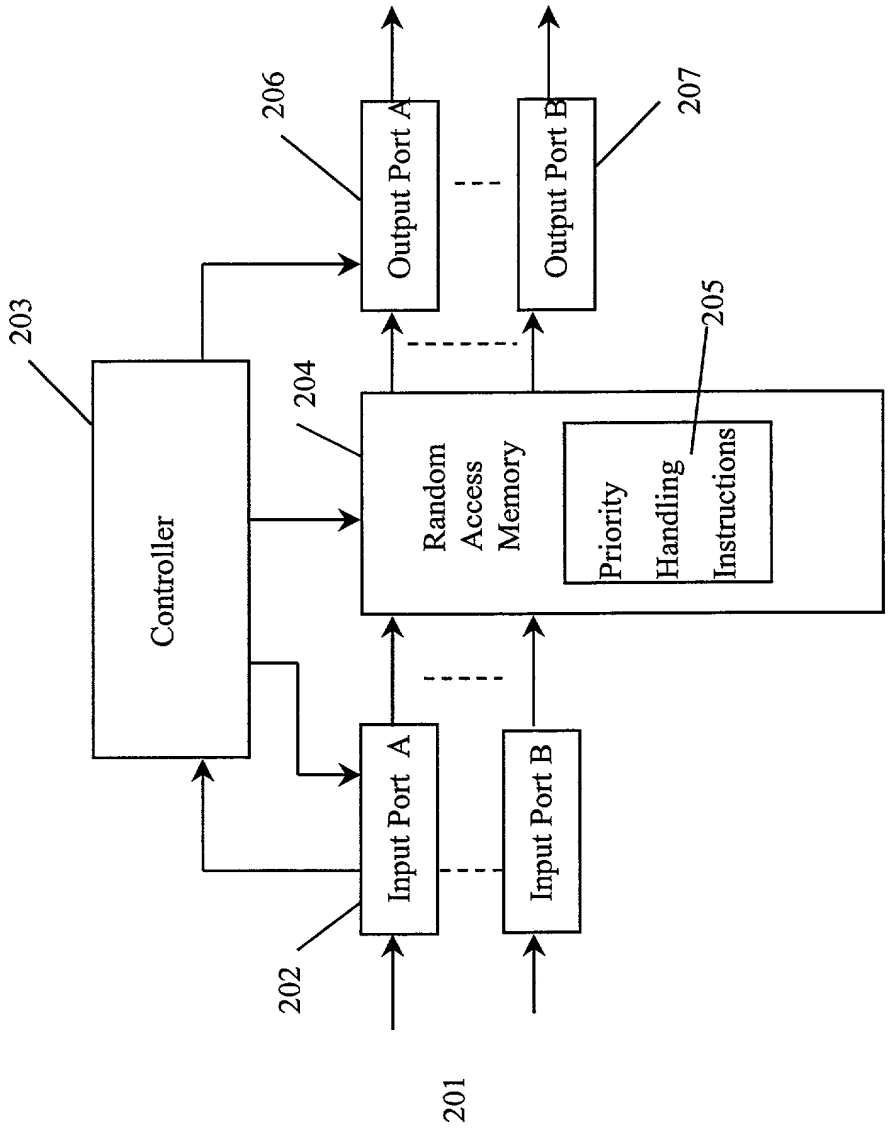
201
202
Input Port A
Input Port B
203
Controller
204
Random Access Memory
205
Priority Handling Instructions
206
Output Port A
207
Output Port B

Figure 2

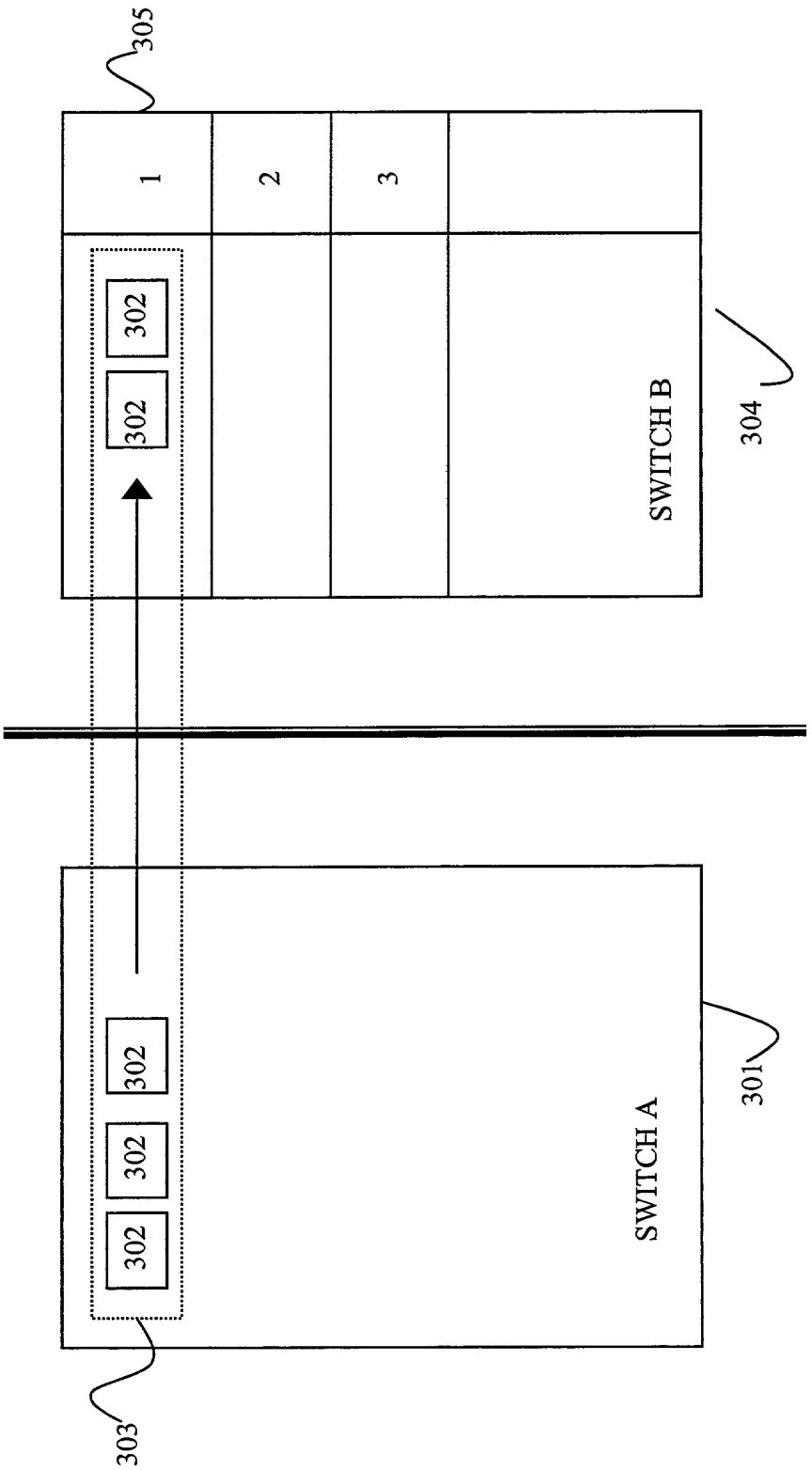

FIGURE 3

20817.0 220250617

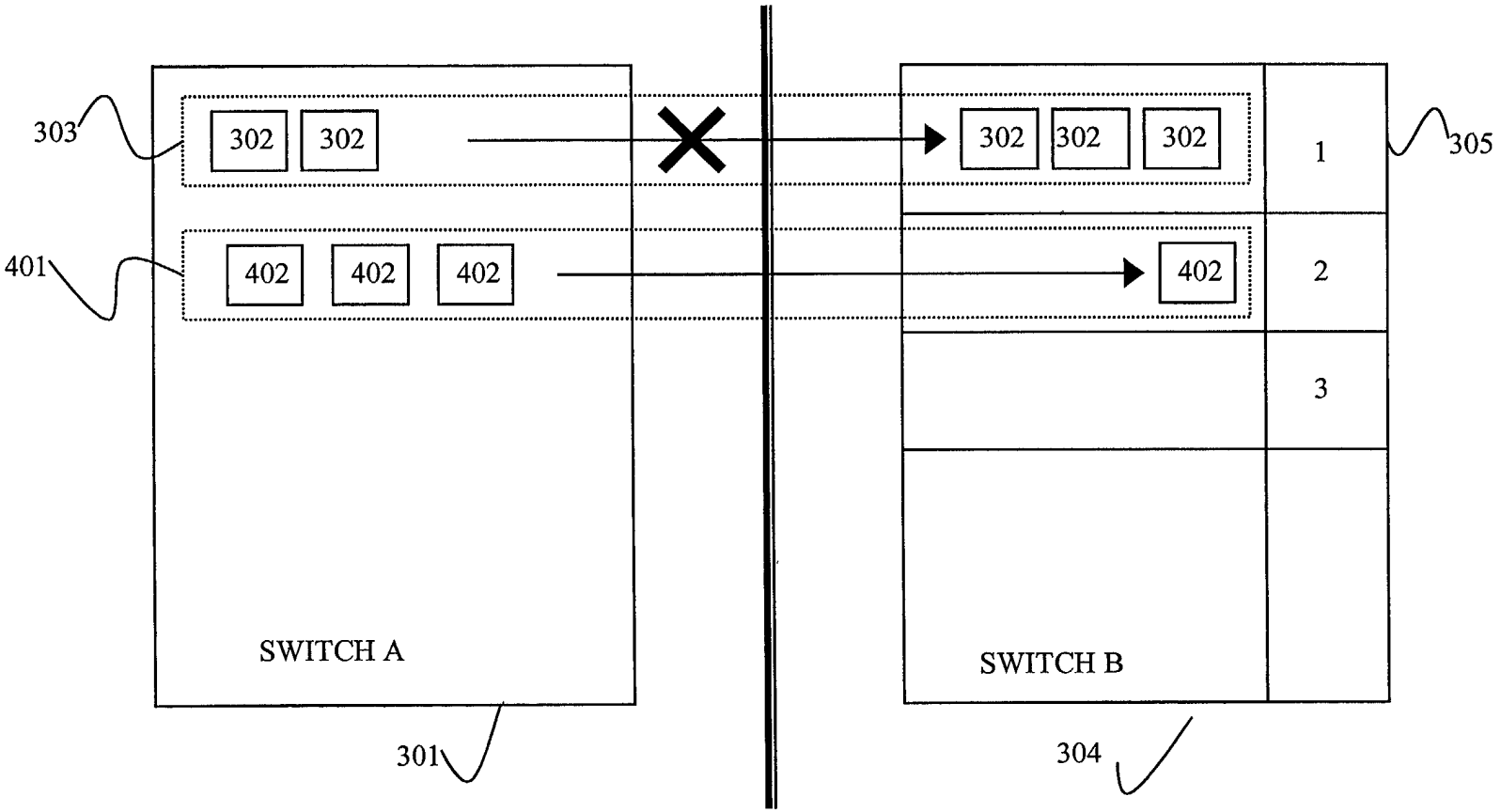

FIGURE 4

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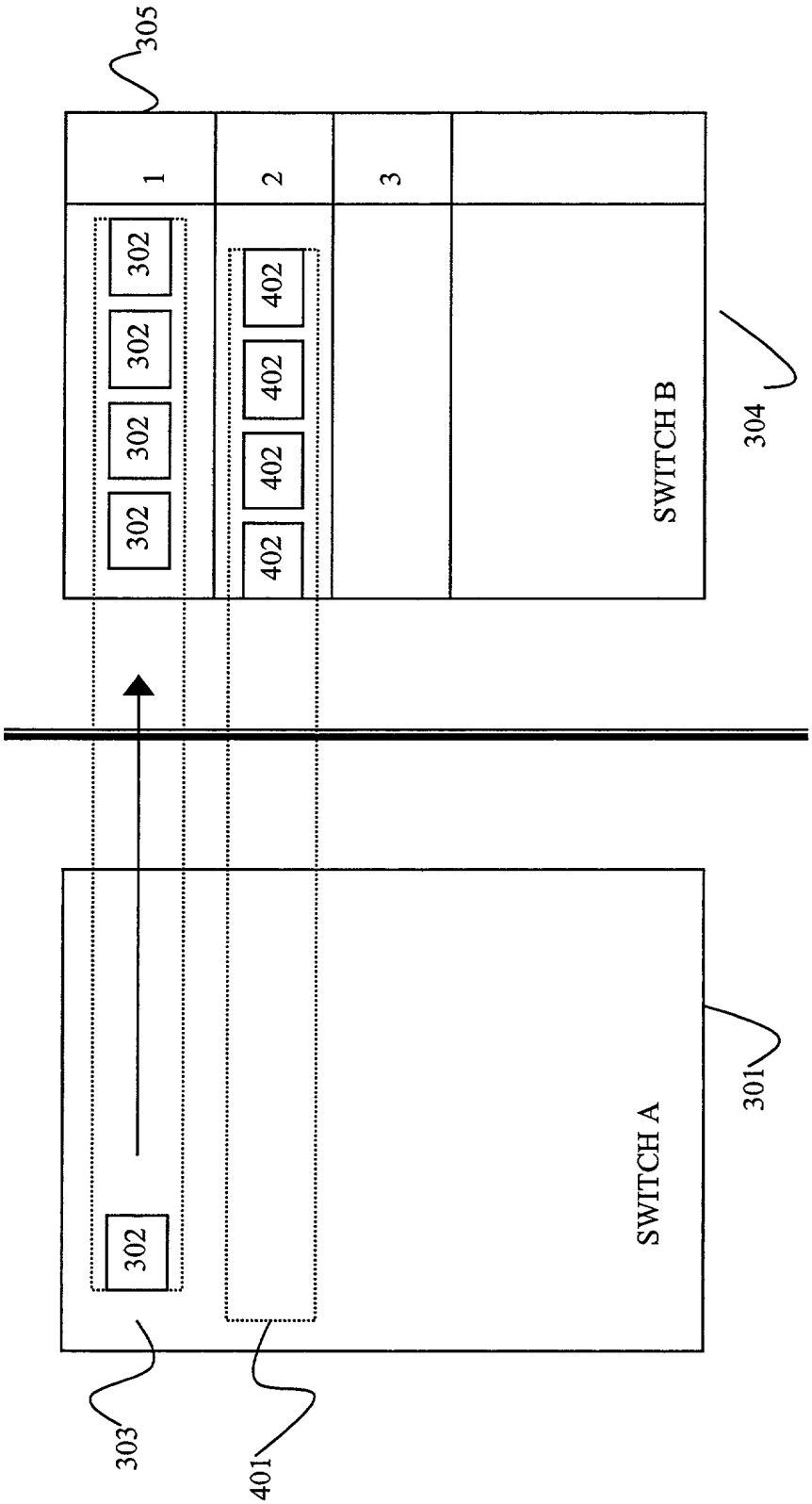
305
1
2
3
302
302
302
302
302
402
402
402
402
SWITCH B
304
SWITCH A
301
303
401

FIGURE 5

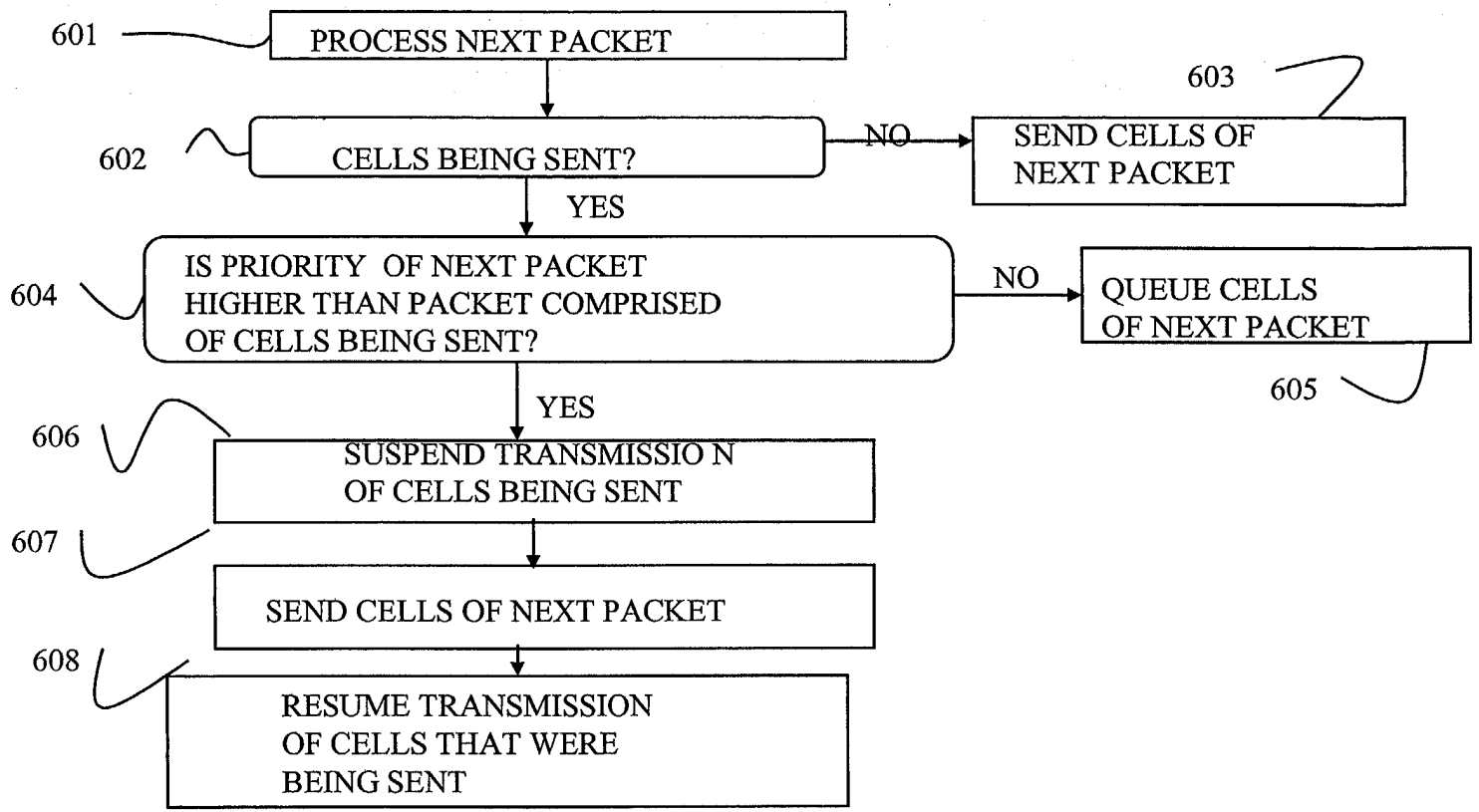
601
PROCESS NEXT PACKET
602
CELLS BEING SENT?
NO
603
SEND CELLS OF NEXT PACKET
YES
604
IS PRIORITY OF NEXT PACKET HIGHER THAN PACKET COMPRISED OF CELLS BEING SENT?
NO
QUEUE CELLS OF NEXT PACKET
605
YES
606
SUSPEND TRANSMISSIO N OF CELLS BEING SENT
607
SEND CELLS OF NEXT PACKET
608
RESUME TRANSMISSION OF CELLS THAT WERE BEING SENT

FIGURE 6